



PATENT APPLICATION

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicants: Yoshiharu HASEGAWA et al

For: ALUMINUM ALLOY PIPING MATERIAL FOR AUTOMOTIVE TUBES
HAVING EXCELLENT CORROSION RESISTANCE AND FORMABILITY,
AND METHOD OF MANUFACTURING SAME

Serial No.: 10/674 283

Group: 1742

Confirmation No.: 3119

Filed: September 29, 2003

Examiner: Morillo

Atty. Docket No.: Fukuda 43

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR 1.132

I, the undersigned, hereby declare as follows:

I am one of the co-inventors of the invention described and claimed in application Serial No. 10/674 283, filed on September 29, 2003.

I hereby incorporate by reference thereto the contents of Examples 1 and 2 and Comparative Examples 1 and 2 on pages 10-20 of application Serial No. 10/674 283.

I have performed an additional test to illustrate that the process of Sircar et al does not produce an aluminum alloy as required by the present claims.

TEST PROCEDURE

An aluminum alloy having the composition 0.10% Si, 0.30% Fe, 1.00% Mn, 0.02% Cu, 0.18% Ti, 0.06% Zn and the balance being Al and inevitable impurities was formed into billets having a diameter of 100 mm by semi-continuous casting followed by homogenization treatment. The billets were worked by hot extrusion and then cold drawing to form tubes. The formed tubes were annealed at a temperature of 450°C with a